



# PROPOSAL EVALUATION

## IRWM Grant Program – Local Groundwater Assistance, FY 2012-2013

<b>Applicant</b>	Sacramento Groundwater Authority	<b>County</b>	Sacramento
<b>Project Title</b>	Assessment and Development of Tools for Managing PCE Contamination	<b>Grant Request</b>	\$ 249,966.00
		<b>Total Project Cost</b>	\$ 257,006.00

**Project Description:** The Proposal develops a study to assess and create tools for the long-term management of a regionally-extensive occurrence of tetrachloroethylene (PCE) contamination in the region's groundwater supply. The goal of the study is to minimize PCE's impact on the region's groundwater supply.

### Evaluation Summary:

Scoring Criterion	Score
GWMP or Program	5
Technical Adequacy of Work to be Performed	5
Work Plan	10
Budget	5
Schedule	5
QA/QC	5
Past Performance	5
Geographical Balance	0
<b>Total Score</b>	<b>40</b>

- **GWMP or Program:** The Applicant attached a formally adopted GWMP. A signed copy of the resolution adopting the GWMP dated December 11, 2008 was included as Attachment 3.
- **Technical Adequacy of Work to be Performed:** Criterion is fully addressed with thorough and well-presented documentation. The Applicant provides a detailed account of the proposed project that clearly describes the project's primary goal ("to minimize the impact of [tetrachloroethylene (PCE)]... on the region's groundwater supply"), the needed facilities (two new, plus five existing monitoring wells), and maps of the respective location of the area affected. The applicant clearly demonstrates collaboration with Cal-Am and Citrus Heights Water District and to the organizations associated with the Regional Contamination Issues Committee, and demonstrates a long-term need by showing that the proposal will facilitate understanding of PCE migration characteristics both currently and in the future. The proposal demonstrates that significant new knowledge will be obtained through the proposal objectives of filling in data gaps about PCE sources and the extent of areas potentially affected by contaminant plumes. This new knowledge supports the GWMP's objective to, "maintain or improve groundwater quality in the SGA area to ensure sustainable use of the groundwater basin." Finally the applicant explains that SGA is committed to maintaining the new wells and adding them to the CASGEM monitoring network, assuring that they will continue to provide monitoring once grants funds are expended.
- **Work Plan:** The criterion is fully addressed with thorough and well-presented documentation. The Applicant's Work Plan adequately details each task and subtask and their related deliverables throughout, and as a result, it is clear what will be done and what the product will be. The Work Plan is consistent with the Schedule and Budget, and can reasonably fulfill the objectives of the proposal. The tasks relate to improving groundwater management and support the GWMP. The applicant presents a sound strategy for evaluating progress by devoting Task 5 to this criterion and lists appropriate task deliverables throughout. The Applicant provides copies of letters from Cal-Am, CHWD, and SSWD that confirms their respective willingness to allow access to sites for the new monitoring well installation and monitoring. The Applicant explains how data will be disseminated in quarterly meetings of Regional Contamination issues Committee, and through SGA publicly noticed Board of Director Meetings. The Applicant includes a task for compliance with CEQA and to obtain the necessary well drilling permits.



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- **Budget:** Criterion is fully addressed with thorough and well-presented documentation. The Applicant's Budget includes sufficient details and assumptions that appear realistic in meeting the proposal's objectives. For example, the Applicant supplies, in addition to a summary budget, a more detailed budget that line-items each associated cost among categories for Labor, Direct Costs, and Subcontractors. The Budget is consistent with the Schedule and is consistent with the Work Plan's cost assumptions and outlined tasks, and presents cost share and grant share by task.
- **Schedule:** Criterion is fully addressed with thorough and well-presented documentation. The Applicant's Schedule includes timelines that appear realistic for the work to be performed and agrees with the sequencing in the Work Plan. The Applicant presents appropriately detailed tasks that are consistent with those of the Budget and Work Plan. The applicant indicates the project will be completed within two years, and the inclusion of letters of support from cooperating water districts supports that the applicants will be ready to proceed upon available funding.
- **QA/QC:** Criterion is fully addressed with thorough and well-presented documentation. The Applicant's Quality Assurance Program includes detailed, well-defined, project-specific data quality objectives and appropriate QA/QC measures. As an example, the Applicant details procedural assurances such as appropriate professional registered staff with sufficient prior experience reviewing reports, documents, calculations, field records, and lab data QC samples. Standards for laboratory precision and accuracy are described.
- **Past Performance:** Criterion is fully addressed with thorough and well-presented documentation. Through two past DWR LGA grant awards, the Applicant demonstrates that they are capable of performing high quality work, managing funds, and meeting time deadlines. As supporting documentation, the Applicant provides a final project report cover letter, and from DWR, acknowledgement of acceptance of final grant progress report for two separate grants, and in addition, a favorable Grantee Performance Evaluation report.